



<b>Patents</b>	<b>United States #5,999,865 / Canada #2,260,374</b> "Autonomous Vehicle Guidance System" <b>United States #6,633,800 / Canada #2,333,781</b> "Remote Control System"
<b>Awards and Certificates</b>	<b>2007</b> Fundamentals of Criminal Intelligence (International Assoc. of Law Enforcement Analysts) <b>2007</b> Certificate of Recognition for Outstanding Performance (Canadian Space Agency) <b>2006</b> Certificate of Recognition for Outstanding Performance (NASA) <b>2005</b> Innovation Award Nomination (MDA Space Missions) <b>2000</b> "Who's Who in Robotics" (Lexington) <b>1997</b> Ontario Engineering Competition, Corporate Design, 1 <sup>st</sup> place (OEC) <b>1997</b> Canadian Engineering Competition, Corporate Design 2 <sup>nd</sup> place (CEC) <b>1996</b> Outstanding Co-op Student Distinction (University of Waterloo) <b>1993</b> Success Leadership Certificate (Toastmasters) <b>1992</b> International Computer Problem Solving Contest Regional Winner 2 <sup>nd</sup> place <b>1991</b> International Computer Problem Solving Contest Regional Winner 1 <sup>st</sup> place <b>1990</b> International Computer Problem Solving Contest Regional Winner 2 <sup>nd</sup> place
<b>Publications</b>	<b><i>Evolution of Autonomous Underground Vehicle Guidance Systems</i></b> Canadian Institute of Mining (CIM) Bulletin. January 2004.  <b><i>A Proposed Guidance System For Autonomous Underground Vehicles</i></b> Canadian Institute of Mining (CIM) Bulletin. January 2001.  <b><i>Towards an Infrastructureless Guidance System</i></b> 1st International Workshop on Advances in Robotics for Mining and Underground Applications. October 2-4, 2000, Brisbane, Australia.  <b><i>Universal Control Console</i></b> 1st International Workshop on Advances in Robotics for Mining and Underground Applications. October 2-4, 2000, Brisbane, Australia.  <b><i>Robots in Mining</i></b> Robot Science & Technology Magazine article. June 2000.  <b><i>Navigation System for Autonomous Underground Mining Vehicles</i></b> Systems Design Engineering Workshop Symposium. March 1997, University of Waterloo, Ontario.
<b>Memberships</b>	<ul style="list-style-type: none"> <li>• Professional Engineers of Ontario. (PEO)</li> <li>• International Rock Excavation Data Exchange Standards group. (IREDES)</li> <li>• Canadian Institute of Mining Advanced Systems and Technology Committee.</li> </ul>
<b>Personal Interests</b>	Composing and performing music, wilderness camping, canoeing, retrocomputing, reading, writing, geocaching, electronics tinkering, swimming, skating, cycling, traveling, trying new things.
<b>References</b>	Available upon request.